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## Product Datasheet

### **MTX-531, CAS [[2791417-66-6]] FBM-10-4802**

Article Name	MTX-531, CAS [[2791417-66-6]]
Biozol Catalog Number	FBM-10-4802
Supplier Catalog Number	10-4802
Alternative Catalog Number	FBM-10-4802-5MG,FBM-10-4802-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dual EGFR/PI3K inhibitor...
Molecular Weight	453.95
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[2791417-66-6]
Formula	C <sub>22</sub> H <sub>20</sub> CIN <sub>5</sub> O <sub>2</sub> S
Application Notes	MTX-531 is a first-in-class dual EGFR/pan-PI3K inhibitor (IC <sub>50</sub> s: EGFR = 14.7 nM, PI3K $\alpha$ = 6.4 nM, PI3K $\beta$ = 233 nM, PI3K $\gamma$ = 8.3 nM, PI3K $\delta$ = 1.1 nM, mTOR = 105 nM, DNA-PK = 5.4 nM). MTX-531 displayed exquisite selectivity for EGFR and PI3K family members (ag